| <br>of Claims |
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|               |
|               |

Application/Control No.

09/728,043

Examiner

Nghi H. Ly

Applicant(s)/Patent under Reexamination

BALOGH ET AL.

Art Unit

2686

|   | <b>√</b> | Rejected |
|---|----------|----------|
| I |          | Allowed  |

- (Through numeral)
Cancelled

• Restricted

Non-Elected

I Interference

A Appeal
O Objected

|   |       |                |               |  |              |              |   | J  |          | <u> </u>       |                 |
|---|-------|----------------|---------------|--|--------------|--------------|---|--|----------|----------------|-----------------|
| ſ | Cla   | Date           |               |  |              |              |   |  |          |                |                 |
| } | Ula   |                |               | Date   |              |              |   |  |          |                |                 |
|   | =     | Original       | 35            |  |              |              |   |  |          |                |                 |
|   | Final | igir           | 12/5/05       |  |              |              |   |  |          |                |                 |
|   | ш     | ŏ              | 12            |  |              |              |   |  |          |                |                 |
|   |       | 1              | h-,           | /_   | -            | <del> </del> | <del> </del>  | <del>                                     </del> | -        |                | $\vdash$        |
|   |       | ¥              | H             |  | <del> </del> | -            | -   | _  |          | -              | Н               |
|   |       | 2              | H             | _  | <u> </u>     | H            | ⊢   | <u> </u>   | -        |                | Н               |
|   |       | 3              | Н             |  | _            | _            | ⊢   | _  |          | -              | Н               |
|   |       | 4              | Н             |  | _            | -            | <del> </del>  | _  | <u> </u> | <u> </u>       | Н               |
| ı |       | 5              | Н             | _  | <u> </u>     | _            | _   | _  | <u> </u> | _              | Н               |
|   |       | 6<br>7         | Н             | _  | ┡            | <u> </u>     | _   |  | <u> </u> | _              | Ш               |
| ŀ |       |                | 4             | _  | _            | <u> </u>     | -   | _  | L        | <u> </u>       | $\vdash \vdash$ |
|   |       | 8              | 4             | _  | _            | ⊢            |   | <u> </u>   | <u> </u> | <u> </u>       | Н               |
| - |       | 9 9            | H             | <u>,                                    </u> | _            | _            | _   | $\vdash$   | <u> </u> | L              | H               |
|   |       | 10             | $\mathcal{L}$ | _  | _            | _            | _   |  | <u> </u> | _              | Ш               |
|   |       | 31             | Ŀ             | <u> </u>                                     | <u> </u>     | $\vdash$     | <u> </u>  |  | <u> </u> | <u> </u>       | $\sqcup$        |
|   |       | 12<br>13       | <u> </u>      | —  |              |              | <u> </u>  | <u> </u>   | $\vdash$ | $\vdash$       | Н               |
|   |       | 13             | $\vdash$      | _  | <u> </u>     | _            | -   | _  | <u> </u> | <del> </del>   | Н               |
|   |       | 14             | $\vdash$      | <u> </u>                                     | <del> </del> | <del> </del> |   | <u> </u>   | <u> </u> | <del>  -</del> | Щ               |
|   |       | 15<br>16       | _             | <u> </u>                                     | <del> </del> | <del> </del> | ├—  | <b> </b>   | <u> </u> | <del> </del>   | Щ               |
|   |       | 16             |               | <u> </u>                                     | <u> </u>     | <u> </u>     | ├   | <u> </u>   | <u> </u> | ⊢              | Щ               |
| - |       | 17             |               |  | _            | L            | _   |  |          | _              | Щ               |
|   |       | 18<br>19       |               |  |              | <u> </u>     |   | <u> </u>   | <u> </u> | L              | Щ               |
|   |       | 19             |               | _  | _            | _            | _   |  |          |                | Ш               |
|   |       | 20<br>21<br>22 | _             | _  | <u>_</u>     | _            |   | _  |          |                | Ш               |
|   |       | 21             |               |  | _            |              |   |  | _        | L              | Ш               |
|   |       | 22             | _             |  | _            | _            |   |  |          | L              | Ш               |
|   |       | 23<br>24<br>25 | _             |  |              |              | Ľ   | _  |          | L              | Ш               |
| J |       | 24             | _             | _  |              |              |   | _  |          |                | Ш               |
| ļ |       | 25             |               |  | L            |              |   | _  | Ш        |                | Ш               |
|   |       | 26<br>27       |               |  | L            |              |   | <u> </u>   |          |                | Ш               |
|   |       | 27             |               |  |              |              | _   | <u> </u>   |          | $oxed{oxed}$   | Ш               |
|   |       | 28             |               |  |              | _            |   | _  |          | _              | Ш               |
|   |       | 29             |               |  |              | 匚            | _   |  |          | _              | Ш               |
| ļ |       | 30             |               |  |              | L_           | L_  | <u> </u>   |          | L              | Ш               |
| Į |       | 31<br>32       |               |  | <u> </u>     |              | $ldsymbol{ldsymbol{ldsymbol{eta}}}$   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              | L        | L              | Ш               |
| Į |       | 32             |               |  | <u> </u>     | <u> </u>     | $ldsymbol{ld}}}}}}$ | <u> </u>   |          | L              | Ш               |
| Į |       | 33             |               |  |              |              | <u></u>   | <u> </u>   |          |                | Ш               |
|   |       | 34             |               |  | $oxed{\Box}$ | L            | <u> </u>  |  |          | _              | Ш               |
| ļ |       | 35             |               |  | $oxed{oxed}$ |              | <u>_</u>  | _  |          | L              | Ш               |
| Į |       | 36             |               |  | $oxed{oxed}$ |              |   | 匚  |          |                | Ш               |
|   |       | 37             |               |  |              |              |   |  |          |                | Ш               |
|   |       | 38             |               |  |              | L            | L   |  |          |                |                 |
| Į |       | 39             |               |  |              | <u></u>      | <u> </u>  |  | Ш        |                | Ш               |
| Į |       | 40             |               |  |              | <u> </u>     |   | <u> </u>   |          |                | Ш               |
| [ |       | 41             |               |  |              |              |   |  |          |                |                 |
|   |       | 42             |               |  |              |              | L   |  |          |                | Ш               |
|   |       | 43             |               |  |              |              |   |  |          |                |                 |
| [ |       | 44             |               |  |              |              |   |  |          |                |                 |
| [ |       | 45             |               |  |              |              |   |  |          |                |                 |
| [ |       | 46             |               |  |              |              |   |  |          |                |                 |
| Ī |       | 47             |               |  |              |              |   |  |          |                |                 |
|   |       | 48             |               |  |              |              |   |  |          |                |                 |
| [ |       | 49             |               |  |              |              |   |  |          |                |                 |
| [ |       | 50             |               |  |              |              |   |  |          |                |                 |
| - |       |                |               |  |              |              |   |  |          |                | _               |

| [         | Date   | 9        |          |          |              |     | Cla   | im       | Date     |   |          |   |        |          |   |          |          |
|-----------|--------|----------|----------|----------|--------------|-----|-------|----------|----------|---|----------|---|--------|----------|---|----------|----------|
|           |        |          |          |          |              |     |       |          |          |   |          |   |        |          |   |          | П        |
|           |        | 1        |          |          | l            |     | ᡖ     | Original |          |   |          |   |        |          |   |          |          |
|           |        |          |          |          |              |     | Final | įġį      |          |   |          |   |        |          |   |          |          |
|           |        |          |          |          |              |     | щ     | ŏ        |          |   |          |   |        |          |   |          |          |
| _         |        | <u> </u> | -        |          | <del> </del> |     |       |          | _        |   |          | - |        |          | _ | ⊢        | Н        |
|           | -      | _        | H        | ļ        | <u> </u>     |     |       | 51       | -        |   | _        |   |        |          |   | -        | Н        |
| _         | _      | _        | <u> </u> | _        | <u> </u>     |     |       | 52       |          | _ | <u> </u> | _ |        |          | _ | ⊢        | Н        |
|           |        |          | _        | _        | _            |     |       | 53       |          |   |          |   |        |          |   | <u> </u> | Ш        |
|           | _      | _        | _        | _        | <u> </u>     |     |       | 54       |          |   |          |   |        |          |   | <u> </u> | Ш        |
|           |        | _        | _        |          | _            |     |       | 55       |          |   |          |   |        |          |   |          | Щ        |
|           |        | L        | ╙        | _        | <u> </u>     |     |       | 56       |          |   |          |   |        |          |   |          | Ш        |
|           |        | L        | L        | L        | L.           | ļļ  |       | 57       |          |   |          |   |        |          |   |          | Ш        |
|           |        |          | <u>_</u> |          | _            | ļļ  |       | 58       |          |   |          |   |        |          |   |          | Ш        |
|           |        |          |          |          | _            | ŀļ  |       | 59       |          |   |          |   |        |          |   | _        | Ш        |
|           |        |          |          | <u> </u> | _            |     |       | 60       | Щ        |   |          |   |        | L        |   |          | Ш        |
|           |        |          | <u> </u> |          | L_           |     |       | 61       |          |   |          |   |        |          | L |          | Ш        |
|           |        |          |          | _        |              |     |       | 62       | Ш        |   |          | Щ |        |          |   |          | Ш        |
|           |        | <u> </u> | _        |          | _            |     |       | 63       |          |   |          |   |        |          |   |          | Ш        |
|           |        | L        |          |          | _            | [ [ |       | 64       |          |   |          |   |        |          |   |          | Ш        |
|           |        | <u> </u> | <u> </u> | <u></u>  | <u> </u>     |     |       | 65       |          |   |          |   |        |          |   |          | Ш        |
|           |        |          | _        |          | <u> </u>     |     |       | 66       |          |   | L        |   | L      |          |   |          | Ш        |
|           |        | <u> </u> |          |          | Щ            | ĮĮ  |       | 67       | Ш        |   |          | Щ |        |          | _ |          | Ш        |
|           |        |          | _        |          |              |     |       | 68       |          |   |          |   |        |          | _ | L        |          |
|           |        |          |          |          |              |     |       | 69       |          |   |          |   |        |          |   |          | Ш        |
|           |        |          |          | L        |              |     |       | 70       |          |   |          |   |        |          |   | _        |          |
|           |        |          |          |          |              |     |       | 71       |          |   |          |   |        |          |   |          | Ш        |
|           |        |          |          |          |              |     |       | 72       |          |   |          |   |        |          |   |          |          |
|           | ·      |          |          |          |              |     |       | 73       |          |   |          |   |        |          |   |          |          |
|           |        |          |          |          |              |     |       | 74       |          |   |          |   |        |          |   |          |          |
|           |        |          |          |          |              |     |       | 75       |          |   |          |   |        |          |   |          |          |
|           |        |          |          |          |              |     |       | 76       |          |   |          |   |        |          |   |          |          |
|           |        |          |          |          |              |     |       | 77       |          |   |          |   |        |          |   |          |          |
|           |        |          |          |          |              |     |       | 78       |          |   |          |   |        |          |   |          |          |
|           |        |          |          |          |              |     |       | 79       |          |   |          |   |        |          |   |          |          |
|           |        |          |          |          |              |     |       | 80       |          |   |          |   |        |          |   |          |          |
|           |        |          |          |          |              |     |       | 81       |          |   |          |   |        |          |   |          |          |
|           |        |          |          |          |              |     |       | 82       |          |   |          |   |        |          |   |          |          |
|           |        |          |          |          |              |     |       | 83       |          |   |          |   |        |          |   |          |          |
|           |        |          |          |          |              |     |       | 84       |          |   |          |   |        |          |   |          |          |
|           |        |          |          |          |              | ÌÌ  |       | 85       |          |   |          |   |        |          |   |          |          |
|           |        |          |          |          |              |     |       | 86       |          |   |          |   |        |          |   |          |          |
|           |        |          |          |          |              |     |       | 87       |          |   |          |   |        |          |   |          |          |
|           |        |          |          |          |              |     |       | 88       |          |   |          |   |        |          |   | ,        |          |
|           |        |          |          |          |              |     |       | 89       |          |   |          |   |        |          |   | $\Box$   |          |
|           |        |          |          |          | П            |     |       | 90       |          |   |          |   |        |          |   |          | $\Box$   |
|           |        |          |          |          |              |     |       | 91       |          |   |          |   |        |          |   |          | П        |
|           |        |          |          |          |              |     |       | 92       |          |   |          |   |        |          |   |          | П        |
|           |        |          |          |          |              |     |       | 93       |          |   |          |   |        | $\Box$   |   |          | П        |
|           |        |          |          |          |              | i i |       | 94       |          |   |          |   |        |          |   | $\Box$   | $\sqcap$ |
|           |        |          |          | 1        |              |     |       | 95       |          |   |          |   |        |          |   | П        | $\dashv$ |
| $\exists$ |        |          |          | Г        | Г            |     |       | 96       | $\Box$   | _ |          |   |        |          |   | Н        | Н        |
| ╗         | $\neg$ |          |          |          | $\vdash$     |     |       | 97       |          |   |          |   |        |          |   | П        | Н        |
|           |        |          |          |          |              |     |       | 98       | $\dashv$ | - | $\Box$   |   |        |          |   | Н        | Н        |
| $\neg$    |        |          |          | Г        |              |     |       | 99       |          |   |          |   | -      |          |   |          | $\vdash$ |
|           |        |          |          |          | $\vdash$     |     | -     | 100      |          |   |          | - | $\neg$ | $\dashv$ |   | $\vdash$ | $\dashv$ |
| _         |        |          | ш        | Ц.,,     | Ь—           | L   |       | . 50     |          |   |          |   | _      | _        |   | لــــا   | لب       |

| _ Cla | aim               |             |  | _        | [            | Date   | <u> </u>     |          |          | ᅬ                      |
|-------|-------------------|-------------|--|----------|--------------|--|--------------|----------|----------|------------------------|
| Final | Original          |             |  |          |              |  |              |          | :        |                        |
|       | 101               |             |  |          |              |  |              |          |          |                        |
|       | 102               | L.          | <u> </u>   | _        | <u> </u>     | _  | _            |          | L        | Ш                      |
|       | 103<br>104        | _           | <u> </u>   | _        | <u> </u>     | <u> </u>   |              | _        | _        | Ш                      |
|       | 104               | ļ           | <u> </u>   | <u> </u> | _            |  |              | <u> </u> |          | Ш                      |
|       | 105               | $\vdash$    | <u> </u>   | <u> </u> | ļ            | <u> </u>   | _            |          | L.       | Ш                      |
|       | 106<br>107        | _           | <u> </u>   | <u> </u> |              | <u> </u>   | <u> </u>     |          | <u> </u> | Ш                      |
|       | 107               | _           | _  | H        | <u> </u>     |  | <u> </u>     |          | <u> </u> | Ы                      |
|       | 108               |             | <u> </u>   | L        | _            | ļ  | _            | _        | ļ. —     | Н                      |
|       | 109               | <u> </u>    | <u> </u>   | -        | _            | <u> </u>   | -            |          | <u> </u> | - 4                    |
|       | 110               |             | -  | $\vdash$ | H            | <del> </del>                                     | <del> </del> |          | H        | $\vdash$               |
|       | 111               | ├           | -  | $\vdash$ | H            | ├—   | ⊢            | _        |          | Н                      |
|       | 111<br>112<br>113 | _           | $\vdash$   | -        | $\vdash$     | ⊢  | ├            | $\vdash$ | $\vdash$ | Н                      |
|       | 114               | $\vdash$    |  | $\vdash$ | $\vdash$     | $\vdash$   |              | _        | $\vdash$ | $\vdash$               |
|       | 114<br>115        | $\vdash$    | -  | $\vdash$ | <del> </del> | ├  | ┝            | _        | $\vdash$ | $\vdash$               |
|       | 116               | -           | -  | H        | _            | <del> </del>                                     | -            | _        | $\vdash$ | Н                      |
| -     | 117               | ┝           |  | H        | -            | $\vdash$   |              |          | ┢╌       | Н                      |
|       | 117<br>118        | $\vdash$    | $\vdash$   | -        | -            | <del> </del>                                     |              |          | $\vdash$ | Н                      |
|       | 119               | $\vdash$    |  | -        | $\vdash$     | $\vdash$   | _            |          | $\vdash$ | Н                      |
|       | 120               | <u> </u>    |  |          |              | <del>                                     </del> | $\vdash$     | -        | $\vdash$ | Н                      |
|       | 120<br>121        |             | <u> </u>   | <b>—</b> | _            |  | $\vdash$     |          | $\vdash$ | Н                      |
|       | 122               |             | <del>                                     </del> | Г        |              | _  | H            |          |          | Н                      |
|       | 123               |             |  |          |              | $\vdash$   |              |          |          | П                      |
|       | 123<br>124        |             |  | $\Box$   |              | _  |              |          |          |                        |
|       | 125               |             |  |          |              |  |              |          |          | П                      |
|       | 125<br>126<br>127 |             |  |          |              |  |              |          |          |                        |
|       | 127               |             | _  | <u> </u> |              |  |              |          |          | Ш                      |
|       | 128<br>129        | _           |  | <u> </u> |              | _  | L            |          | <u> </u> | Ш                      |
|       | 129               | _           | ļ  |          | ᆫ            | <u> </u>   | <u> </u>     |          | <u> </u> | Ш                      |
|       | 130               |             | _  | L        | _            | <u> </u>   | <u> </u>     |          | <u> </u> | Ш                      |
|       | 131<br>132        | _           | _  | ļ        | _            | <u> </u>   | <u> </u>     |          |          | Ш                      |
|       | 132               | ļ           |  | <u> </u> | _            | <u> </u>   | <u> </u>     | <u> </u> |          | Н                      |
|       | 134               | <u> </u>    | ┝  | -        | H            | _  | -            | -        | <u> </u> | $\vdash$               |
|       | 135               | $\vdash$    |  | $\vdash$ |              | -  | _            |          | <u> </u> | H                      |
|       | 136               | $\vdash$    |  | $\vdash$ | _            | -  | $\vdash$     |          | -        |                        |
|       | 137               | $\vdash$    | _  | -        | $\vdash$     |  | -            |          | _        | Н                      |
|       | 138               | <u> </u>    |  | H        |              |  | $\vdash$     |          |          |                        |
|       | 139               |             |  |          |              |  |              |          |          |                        |
|       | 140               |             |  |          |              |  |              |          |          |                        |
|       | 141               |             |  |          |              |  |              |          |          |                        |
|       | 142               |             |  |          |              |  |              |          |          |                        |
|       | 143               | _           | <u> </u>   | L        |              | L  | L            |          | <u> </u> | Щ                      |
|       | 144               | ļ           | L  | L_       |              |  | L            |          | _        | Щ                      |
|       | 145               | <u> </u>    | _  | H        | _            | <u> </u>   | _            |          | _        | Ш                      |
|       | 146               | <u> </u>    | <u> </u>   | <b>-</b> | <u> </u>     | <u> </u>   | <u> </u>     | $\vdash$ | $\vdash$ | Н                      |
|       | 147<br>148        |             | H  | <u> </u> |              | H  | <u> </u>     | -        | H        | Н                      |
|       | 148               | $\vdash$    | -  | <u> </u> |              | -  | H            |          |          | $\vdash \vdash \vdash$ |
|       | 150               | <del></del> | $\vdash$   |          | _            | H  |              |          | $\vdash$ | Н                      |
|       | 130               |             |  | L        |              |  |              |          | L        | لـــا                  |